



share

learn

explore

care

hope

understand

believe

Strands include:

- Nature, Concepts, and Systems
- Social Interactions
- Information and Communication Tools
- Information and Communication Processes
- Information Literacy and Decision Making



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South Dakota Educational Technology Standards



First Grade



Through the No Child Left Behind Act, the Enhancing Education Through Technology (Ed Tech) Program was created. The primary goal of the program is to improve student's academic achievement through the use of technology in schools. These standards were created and designed to assist every student in crossing the digital divide by ensuring that they are technologically literate by the end of their public education in South Dakota.

Standards with Indicators

Nature, Concepts, and Systems

Indicator 1: Students understand the history and progression of technology in relation to the development and design of future technology.

1.NC.1.1 Distinguish between the natural and human-made world.

1.NC.1.2 Describe how people use tools.

Indicator 2: Students analyze the parts of a technological system in terms of input, process, output, and feedback.

1.NC.2.1 Identify common systems in school and home.

✓ Identify system components.

Indicator 3: Students analyze the relationships and connections between technologies in different fields of study and how they apply to communities.

1.NC.3.1 Illustrate technologies used at school.

Indicator 4: Students understand the purpose and demonstrate the use of the design process in problem solving.

1.NC.4.1 Use a simplified version of the design process to solve problems.

✓ Identify possible alternative solutions to problems.

Social Interaction

Indicator 1: Students understand the safe, ethical, legal, and societal issues related to technology.

1.SI.1.1 Identify ownership rights of student-created work (copyright).

1.SI.1.2 Identify appropriate and safe technology behaviors.

Indicator 2: Students investigate the advantages and disadvantages of technology.

1.SI.2.1 List advantages of tools/technology at home and at school.

Information and Communication Tools

Indicator 1: Students recognize and demonstrate skills in operating technological systems.

1.CT.1.1 Use basic file management commands (New, Open, Save, Print).

1.CT.1.2 Use letters, numbers, and special keys on the keyboard.

✓ Recognize the difference between files and folders.

Indicator 2: Students use technology to enhance learning, extend capability, and promote creativity.

✓ Use a directed variety of media and technology resources to create a product.

Indicator 3: Students evaluate and select information tools based on the appropriateness to specific tasks.

1.CT.3.1 Describe five technology tools and their uses.

Information and Communication Processes

Indicator 1: Students understand the purpose of information technologies to communicate with a variety of collaborators.

✓ Participate with others when using technology tools to convey ideas or illustrate simple concepts.

Indicator 2: Students exchange information and ideas for an identified purpose through information technologies.

1.CP.2.1 Students are able to identify alternative devices or method for communicating an idea.

Information Literacy and Decision Making

Indicator 1: Students use technology to locate and acquire information.

1.IL.1.1 Identify where information can be found.

Indicator 2: Students determine the reliability and relevancy of information.

✓ Distinguish between fact and opinion.

NOTE: checkmarks (✓) are skills that should be introduced at this grade level to ensure mastery occurs at a later grade.

If you would like more information, specific examples or additional resources, please visit our website.

<http://doe.sd.gov/contentstandards/NCLB/index.asp>